Index to Volume XXIX
American Gas Association Monthly 1947

Authors

4285/8

	Page	Issue
A		
ADAMS, FRANK H.—Building industry wide cooperation	485	Nov.
ADAMS, FRANK H.—Paradoxical position of gas	161	Apr.
APPLEMAN, M. D.—Protecting pipe in open systems	194	Apr.
B		
BATCHELDER, H. R.—Sulfur resistant catalysts	222	May
BEAN, HOWARD S.—Indications of an orifice meter	337	July Aug.
BERNO, PAUL I.—Building better "CP" gas ranges	121	Mar.
BERNO, PAUL I.—Range situation today	63	Feb.
BESWICK, GEORGE J., AND LITTLEWORT, HARRY G.—Use of the multiplying punch	401	Sept.
BICKEL, L. A.—Remote pressure control in Dallas	431	Oct.
BOURKE, JOHN J.—Commercial gas cooking program	238	May
C		
CARLIN, BENSON—Locating internal defects	391	Sept.
CHAMBERLAIN, WALLACE M.—Meeting domestic market challenge	91	Feb.
CHAMBERS, R. J.—New oil gas process	323	July Aug.
CLARK, GLENN—Well-head price fixing	331	July Aug.
CLAXTON, C. R., MARKLE, M. G., AND MEILLER, D. V.—Storage in buried pipe	171	Apr.
CONE, ELMER W.—Cold cash for "hotwater"	72	Feb.
CUNNINGHAM, BRUCE, JR.—Texas town awaiting new citizen	322	July Aug.
D		
DARLINGTON, F. H.—Organic sulfur removal process	147	Mar.
DE MEY, C. F.—Highlights of gas rate situation	274	June
DELGASS, E. B., *see* MCINTOSH, A. J.		
F		
FIFE, A. W.—Bi-monthly billing	33	Jan.
FRANCK, B. T.—Annie doesn't live here any more	210	May
G		
GOLDSMITH, C. S.—Organized for technical progress	97	Feb.
GORDON, WILLIAM C., JR.—Full speed, sales ahead!	233	May
H		
HALL, EDWIN L.—Production of high B.t.u. gas	434	Oct.
HAMEL, CHARLES D.—Work of Excess Profits Tax Council	89	Feb.
HANTHORN, CHARLES C.—Meeting commercial competition	355	July Aug.
HARGROVE, R. H.—Gas industry in 1946	3	Jan.
HARGROVE, R. H.—Strengthening bonds of service	207	May
HARRISON, GEORGE R.—Industry and the atom	159	Apr.
HARRISON, JAMES L., JR.—Workers have feelings	75	Feb.
HARTSON, DORR P.—New national advertising plans	13	Jan.
HASTINGS, A. W.—Depreciation dispersion factor	347	July Aug.
HENDERSON, E. L.—Gas service line installation	455	Oct.
HENSE, H. J.—Clearer focus on research	168	Apr.
HENSE, H. J.—Testing oven controls	483	Nov.
HENSE, H. J., AND KAMPMAN, A. A.—Bimetallic thermal element study	335	July Aug.
HILL, W. A.—Billing without meters	449	Oct.
HINTON, HAROLD B.—U. S. tests underground gasification	12	Jan.
HOLLOWAY, MARGARET E.—Community cooking schools	334	July Aug.
HUCK, JOAN—Correction of baking complaints	219	May
HUCK, MARY E.—Demonstration kit is dealer promotion aid	126	Mar.
HUCK, JOAN—Mixed gas research	271	June
J		
JAHN, EDWARD W.—Motor vehicle outlook	25	Jan.
K		
KAMPMAN, A. A., *see* HENSE, H. J.		
KEENER, J. W.—Is industrial peace nearer?	477	Nov.
KUGEL, W. F.—Gas-making qualities of oils	297	June
KIRTLAND, HELEN—Use feminine slant, Mr. Salesman	164	Apr.
L		
LE GRAND, RUPERT—Dodge bodies baked by gas ovens	213	May
LEA, J. W.—Background for "automatic" sales	405	Sept.
LITTLEWORT, HARRY G., *see* BESWICK, GEORGE J.		
M		
MARKLE, M. G., *see* CLAXTON, C. R.		
MARSHALL, WILLIAM W.—Servicing gas refrigerators	68	Feb.
MCINTOSH, A. J., AND DELGASS, E. B.—Gas enrichment oils	21	Jan.
MEILLER, D. V., *see* CLAXTON, C. R.		
MOREHOUSE, H. P.—Put it to work	328	July Aug.
N		
NOVY, JOHN J.—Meeting gas loads	47	Jan.
O		
O'CONNER, WILLIAM F.—Conservation is smart business	427	Oct.
OBERFELL, C. G., AND THOMAS, R. W.—LP gas industry in 1946	81	Feb.
OLINGER, STANTON T.—Industrial gas sales tools	407	Sept.
OSER, BERNARD L.—Certifying certification programs	385	Sept.
P		
PAIGE, CLIFFORD E.—Sendout growth—threat and promise	315	July Aug.
PECK, IRVING K.—Problems of the house heating load	265	June
POTTER, FREDERICK T.—Filling industrial customer needs	453	Oct.

PROPERTY OF
AMERICAN GAS ASSOCIATION
LIBRARY
420 LEXINGTON AVENUE
NEW YORK 17, N. Y.

S

	Page	Issue
SCHMIDT, W. J.—Water heater promotion	17	Jan.
SCHMIDT, W. J.—"You're going to be in hot water"	288	June
SEDGWICK, D. L.—Personnel Conference Milestones	279	June
SEGELER, C. G.—John L. Lewis likes gas heat	28	Jan.
SMILEY, WILLIAM F.—All's "natural" in Toledo	114	Mar.
SMITH, FRANK C.—Opportunity in gas air-conditioning	479	Nov.
SMITH, NELSON LEE—Regulation of gas utilities	489	Nov.
SMOKER, EDWARD H.—Gas flows through U. G. I. gum filters	295	June
SORBY, E. CARL—Automatic point of view	38	Jan.
SPRINGER, MILFORD—"Attractive nuisance" liability	127	Mar.
STEBBINS, HAL—Copy capsules	332	July Aug.
SULLIVAN, C. L.—Write the way you talk	285	June

T

	Page	Issue
TAYLOR, R. S.—Features of 1947 gas refrigerator	9	Jan.
THOMAS, L. W., *see* OBERFELL, C. G.		

W

	Page	Issue
WEBER, EARL J.—Minimizing noise of extinction	217	May
WHITWELL, GEORGE E.—Underwriting gas appliance approvals	77	Feb.
WILLIAMS, JOHN A.—John Doe gets his "dough"	185	Apr.
WISE, W. H.—Conversion burner problem	111	Mar.

Subjects

A	Page	Issue
Absence makes the job grow harder	65	Feb.
Accident prevention:		
"Attractive nuisance" liability—Springer	127	Mar.
poster series started	365	July–Aug.
Safe driving record of Pittsburgh group	137	Mar.
Safety cartoon character	130	Mar.
Safety messages prove effective	49	Jan.
Safety tour planned	247	May
techniques illustrated	296	June
Accounting:		
Bi-monthly billing—Fyfe	33	Jan.
Billing without meters—Hill	449	Oct.
Conference acclaimed	229	May
Conference in April	135	Mar.
Conference speakers, A. G. A.–E. E. I.	188	Apr.
Depreciation dispersion factor—Hastings	347	July–Aug.
Excess Profits Tax Council, work of—Hamel	89	Feb.
Interest high at Cleveland	499	Nov.
John Doe gets his "dough"—Williams	185	Apr.
Multiplying punch, use of—Beswick and Littlewort	401	Sept.
Advertising:		
Coast-to-Coast campaign off to fast start	438	Oct.
Copy contest underway	85	Feb.
"CP" series	183	Apr.
Gas range campaign	268	June
National gas objectives for 1947 reviewed	120	Mar.
National plans, new—Hartson	13	Jan.
Pacific Coast G. A. schedule set-up	106	Feb.
Telling Mrs. America that—gas has got it!	380	Sept.
Your card, sir!	273	June
Air conditioning:		
All-gas, now reality	319	July–Aug.
Gas, opportunity in—Smith	479	Nov.
School held	42	Jan.
Servel conditioner television star	398	Sept.
American Gas Association:		
Accounting section, *see* Accounting		
Advertising, *see* Advertising		
Amendments to call for enlarged board	134	Mar.
Approval Requirements Subcommittee active	367	July–Aug.
Assists during coal crisis	28	Jan.
At Home Builders' Exposition	190	Apr.
Constitutional amendments approved	227	May
Convention plans	318	July–Aug.
Convention:		
Industrial and Commercial Gas Section plans program	409	Sept.
Convention, 29th annual:		
Powerful convention	471	Nov.
Preview	379	Sept.
Program	423	Oct.
Convention:		
Technical Section plans program	410	Sept.
Distribution and Motor Vehicle Conference in April	148	Mar.
Distribution Conference sets record	242	May
Employee Relations Conference	494	Nov.
Executive group appointed	282	June
Food service equipment groups active	358	July–Aug.
Gas heating progress contest	235	May
General Nominating Committee selected	478	Nov.
Heat Treating Committee meets	240	May
Home service award, new	236	May
Industrial and commercial gas section, *see* Industrial and Commercial Gas		
Industrial Gas School	144	Mar.

	Page	Issue
Joint Production and Chemical Committee Conference	247	May
Manufacturers offered technical assistance	346	July–Aug.
Members, new	59	Jan.
	154	Mar.
Midwest Personnel Conference	52	Jan.
	134	Mar.
Midwest Personnel Conference:		
Myers, Vernon, elected chairman	447	Oct.
Midwest Sales Conference:		
Meeting outstanding	189	Apr.
Motor Vehicle Conference, Sixth	46	May
Natural gas conference, 42nd annual	259	June
Natural Gas Department:		
Eastern Regional Sales Conference	138	Mar.
Spring meeting	29	Jan.
	131	Mar.
	178	Apr.
New members	202	Apr.
	311	June
	466	Oct.
	513	Nov.
Nominating Committee reports for 1947–1948	320	July–Aug.
Non-ferrous Metals Committee meeting	240	May
1948 convention	282	June
Officers and section chairmen	473	Nov.
Production and Chemical Conference	360	July–Aug.
Publicity and Advertising Committee objectives set	130	Mar.
Purging procedure being revised	365	July–Aug.
Residential Section, Committees report	406	Sept.
Sales conference	191	Apr.
Scores at Heating Exposition	116	Mar.
Southwest Personnel Conference	228	May
Southwest Personnel Conference Leaders meet	494	Nov.
Sponsors exposition exhibits	357	July–Aug.
Survey estimates 1947–49 range sales	395	Sept.
Technical Section, *see* Technical		
American Meter Company opens new plant	400	Sept.
American Society of Mechanical Engineers Boiler Code Committee meeting	188	Apr.
Angle compressor, largest	294	June
Annie doesn't live here any more—Franck	210	May
Appliances:		
All's "natural" in Toledo—Smiley	114	Mar.
Certification plan shown to mortgage bankers	494	Nov.
Coming in heavier volume	134	Mar.
Hartford displays new	303	June
Installation course offered	29	Jan.
Ironing, automatic, demonstrations	87	Feb.
Production gains	395	Sept.
School, replacement plan—Houston Natural sponsors	390	Sept.
Underwriting approvals—Whitwell	77	Feb.
Associations:		
Canadian Gas Association:		
Convention largest in 40 years	374	July–Aug.
Convention plans approach final stage	307	June
Speeds convention plans	241	May
Canadian Natural Gas and Petroleum Association meeting sets record	375	July–Aug.
Florida-Georgia Gas Meters Association installs officers	309	June
Gas Appliance Manufacturers Association:		
Lists 1947–48 division chairmen	307	June

	Page	Issue
Martin, E. R., appointed chief statistician	106	Feb.
Program announced for annual meeting	198	Apr.
Robertshaw, John A., elected president	252	May
Independent Natural Gas Association of America	461	Oct.
Committee chairmen	198	Apr.
Elects officers	52	Jan.
Indiana Gas Association elects officers	310	June
Maryland Utilities Association	461	Oct.
Maryland Utilities Association annual meeting	309	June
Michigan Gas Association, Arthur, M. W., elected president	417	Sept.
Mid-Southeastern Gas Association	519	Nov.
Midwest Gas Association, Elects officers	252	May
Midwest Gas Association 42nd annual meeting	52	Jan.
Natural Gas and Petroleum Assoc. of Canada convention	199	Apr.
New England Gas Association:		
Business conference	152	Mar.
Safety conference	52	Jan.
September meetings scheduled	418	Sept.
Twentieth annual business conference	199	Apr.
New Jersey Gas Association	520	Nov.
Plans annual meeting	417	Sept.
Pacific Coast Gas Association	519	Nov.
Advertising schedule set up	106	Feb.
Kern, J. E., joins staff	106	Feb.
Plans annual meeting	417	Sept.
Swigart, Carl A., retires	418	Sept.
Workshop	198	Apr.
Pennsylvania Gas Association:		
Huebner, James M., elected president	309	June
Sales meeting	152	Mar.
Pennsylvania Natural Gas Men's Association elects new officers	152	Mar.
Portland Master Plumbers Association promotes gas water heating business	84	Feb.
Public Utilities Advertising Association, area meeting held	51	Jan.
Southern California Meter Association elects officers	418	Sept.
Southern Gas Association:		
Annual convention	152	Mar.
Convention outstanding	253	May
Convention over, looks at 1948	308	June
Gas technology short course	374	July, Aug.
Plans 36th convention	52	Jan.
Record attendance expected at annual convention	198	Apr.
Workshop studies vital problems	308	June
Texas Manufacturers Association, May, Chester L., elected president	51	Jan.
Texas Mid-Continent Oil and Gas Association, Clark, Earle H., joins	106	Feb.
Wisconsin Utilities Association:		
Brenner, Erwin C., elected president	307	June
Elects officers	253	May
Atom, the industry and—Harrison	159	Apr.
Atomic power, gas industry and	283	June
"Attractive nuisance" liability—Springer	127	Mar.
Automatic point of view—Sorky	38	Jan.
Awards:		
Beal Medal	492	Nov.
Distinguished Service, A. G. A.	492	Nov.
Gas Heating Progress, A. G. A.	493	Nov.
Highest Merit Award	415	Sept.
Home service, A. G. A.	236	May
Gas Heating Progress, A. G. A.	235	May
Home Service Achievement, A. G. A.	498	Nov.
McCall Magazine	41	Jan.
McCarter	86	Feb.
	251	May
	516	Nov.
Merit	497	Nov.
Meritorious Service Medal, A. G. A.	492	Nov.
Philadelphia Electric Co., wins P. U. A. A. awards	412	Sept.
Utilities win in P. U. A. A. better copy contest	343	July, Aug.
You too may win an Oscar	270	June

B

Baking complaints, correction of—Huck	219	May
Barnum, Dana D., tribute to	310	June
Beck, A. W., joins Grayson Heat Control	46	Jan.
Billing, bi-monthly—Fife	33	Jan.
Billing without meters—Hill	449	Oct.
Bimetallic thermal element study—Hense and Kamp-man	335	July, Aug.
Book reviews:		
Air conditioning and elements of refrigeration—Brown	344	July, Aug.
Anatomy of depreciation—Nash	344	July, Aug.
Explosion and combustion processes in gases—Just and Croft	28	Jan.
How to become well known—Woods	344	July, Aug.
Or Forfeit Freedom—Johnson	450	Oct.
Boston Consolidated Gas Company marks birthday	448	Oct.
Bridge, Arthur F., named Laboratories Managing Committee chairman	50	Jan.
Brooklyn Union Gas Company presents long-service emblems	32	Jan.
Bryant Heater Company:		
Establishes fuels scholarship	200	Apr.
Introduces gas combustion assemblies	512	Nov.
Representatives appointed	150	Mar.
Starts new line	310	June
Burners:		
Conversion burner problem—Wise	111	Mar.
Minimizing noise of extinction—Weber	217	May
Burner design, laboratories guide to	10	Jan.

C

Caldwell, Texas, awaiting new citizen—Cunningham	322	July, Aug.
Certifying certification programs—Oser	385	Sept.
Charleston marks century of gas service	67	Feb.
"Charlie's way"	48	Jan.
Civilian Production Administration Order U-13 revoked by	28	Jan.
Coal:		
Burning mine yields synthetic fuel gas	147	Mar.
Crisis, A. G. A. assists during	28	Jan.
Project will convert to gas	167	Apr.
Underground gasification surpasses expectations	336	July, Aug.
Utilities urged to increase depleted supply	228	May
Cohn, Charles M., memorial resolution	153	Mar.
Coke, production	42	Jan.
Cold cash for "hotwater,"—Cone	72	Feb.
Commercial competition, meeting—Hanthorn	355	July, Aug.
Commercial gas, *see* Industrial and commercial gas		
Community cooking schools—Holloway	334	July, Aug.
Competition, meeting commercial—Hanthorn	355	July, Aug.
Conferences, conventions and meetings:		
American Gas Association, *see* American Gas Association		
American Home Economics Convention	354	July, Aug.

	Page	Issue
Calendar	32	Jan.
	88	Feb.
	134	Mar.
	184	Apr.
	228	May
	284	June
	346	July Aug.
	400	Sept.
	448	Oct.
	498	Nov.
Canadian Gas Association convention	374	July Aug.
Canadian Natural Gas and Petroleum Association	375	July Aug.
Florida-Georgia Gas Meters Association	309	June
Food Service Equipment Convention	359	July Aug.
Gas Appliance Manufacturers Association, Robertshaw, John A., elected president	252	May
Hartford Gas meeting	354	July Aug.
Independent Natural Gas Association of America	461	Oct.
Indiana Gas Association, 37th annual convention	310	June
International Fuel Economy Conference	345	July Aug.
International Gas Union	253	May
Maryland Utilities Association	309	June
Maryland Utilities Association	461	Oct.
Michigan Gas Association	417	Sept.
Mid-Southeastern Gas Association	519	Nov.
Mid-West Gas Association, 42nd annual meeting	52	Jan.
Midwest Personnel Conference Milestones—Sedgwick	279	June
Motor Vehicle Conference—Sixth	246	May
New York-New Jersey Sales Conference	350	July Aug.
N. Y.-N. J. Sales Conference, aggressive program planned for	289	June
Natural gas, 42nd annual	259	June
Natural Gas and Petroleum Assoc. of Canada	199	Apr.
New England Gas Association safety conference	52	Jan.
New England Gas Association twentieth annual business conference	199	Apr.
New Jersey Gas Association	520	Nov.
Pacific Coast Gas Association	519	Nov.
Public Utilities Advertising Association, area meeting held	51	Jan.
Southern Gas Association	253	May
Southern Gas Association annual convention	152	Mar.
Southern Gas Association, Record attendance expected at annual convention	198	Apr.
Texas gas appliance dealers	352	July Aug.
Texas Manufacturers Association, May, Chester L., elected president	51	Jan.
Conlon Corporation and Moore merger	200	Apr.
Conservation is smart business—O'Conner	427	Oct.
Consolidated Edison Co. of New York:		
Blood bank	42	Jan.
Blood service extended by	446	Oct.
Reports to employees	396	Sept.
Contests:		
Advertising copy, underway	85	Feb.
East Ohio stages novel	494	Nov.
Gas heating progress	235	May
Conversion burner problem—Wise	111	Mar.
Conversion burner standards, strengthening	149	Mar.
Cooking:		
Community schools—Holloway	334	July Aug.
Electronic, no threat!	124	Mar.
Cooking program, commercial gas—Bourke	238	May
Cooperation, building industry wide—Adams	485	Nov.
Corrosion workers, directory revised	49	Jan.
Copy capsules—Stebbins	332	July Aug.
Cribben and Sexton Co., coordinate sales	250	May

D

Dealers:		
Deal in—Seiple	451	Oct.
Demonstration kit is aid to—Huck	126	Mar.
Pittsburgh, praise cooking school	226	May
Dehydration of water gas tar	389	Sept.
Defects, internal, locating—Carlin	391	Sept.
Demonstration kit is dealer promotion aid—Huck	126	Mar.
Depreciation dispersion factor—Hastings	347	July Aug.
Detector, gas, developed	29	Jan.
Displays:		
A. G. A. to sponsor exposition exhibits	357	July Aug.
Gas ranges in Topeka	452	Oct.
Greenwich (Conn.) greets New Era	433	Oct.
Hartford Gas Company	303	June
Hartford Gas Co. floor modernized	129	Mar.
Home builders' exhibit to feature gas kitchens	87	Feb.
Indiana Gas float	446	Oct.
Indiana Restaurant Show	488	Nov.
International Heating and Ventilating Exposition	31	Jan.
Master plumbers view gas	345	July Aug.
Metal Show exhibit planned by A. G. A.	409	Sept.
National Metal Congress and Exposition, gas at	43	Jan.
National Power Show, A. G. A. at	44	Jan.
"Victory Home of the Century"	400	Sept.
West Coast Restaurant Show	27	Jan.
Dividends, 96 years of paying	87	Feb.
Dodge bodies baked by gas ovens—Le Grand	213	May
Doughnuts fried by gas	409	Sept.
Drill pipe, plastic-coated	513	Nov.

E

Eastern Gas and Fuel Associates opens new coal mine	412	Sept.
Electric energy, gas produced	28	Jan.
Electronic cooking no threat!	124	Mar.
Electronic igniter makes gas heat system automatic	182	Apr.
Emergency action in Texas City	209	May
Employee relations report available	287	June
European meter shop practices—Dixon	410	Sept.
Excess Profits Tax Council, work of—Hamel	89	Feb.
Exhibits, *see* Displays		
Exhibits, Home Builders' Exposition, A. G. A. at	190	Apr.

F

Federal Power Commission:		
Behling, Burton N., nominated to	305	June
Relaxing controls	131	Mar.
Shows natural gas income rise	283	June
Utility directory	197	Apr.
Filters, Gum, gas flows through U. G. I., smoker	295	June
Fire record, gas industry	30	Jan.
Flame-weeder	193	Apr.
Ford, Henry	233	May
Foremen's unions, Illinois bulletin discusses	330	July Aug.
Formaldehyde from natural gas	93	Feb.
Freezing, pilot regulator, prevention	31	Jan.
Fuel gas, synthetic, burning coal mine yields	147	Mar.

G

Gas:		
Coal to, project will convert	167	Apr.
Enrichment oils—McIntosh and Delgass	21	Jan.
Fields and pipe lines map	30	Jan.

	Page	Issue
Hollywood cooks with	180	Apr.
Paradoxical position of—Adams	161	Apr.
Rate situation, highlights of—De Mey	274	June
Gas grapevine	46	Jan.
	146	Mar.
	241	May
	412	Sept.
	458	Oct.
Gas industry:		
Atom and—Harrison	159	Apr.
Atomic power and	283	June
Endorses new enlarged 3-year "P. A. R. Plan,"	316	July/Aug.
Expanding	264	June
Bright horizon for 1947	112	Mar.
Fire record, enviable	30	Jan.
Gains cooking customers	197	Apr.
In 1946, the—Hargrove	3	Jan.
LP gas in 1947—Oberfell and Thomas	81	Feb.
Gas Machinery Company moves office	366	July/Aug.
Gas-making qualities of oils—Kugel	297	June
Gas production, High B.t.u.—Hall	434	Oct.
Gas service line installation—Henderson	455	Oct.
Gasification of coal, underground	336	July/Aug.
Gasification, underground, U. S. tests—Hinton	12	Jan.
Gasoline, new plant to extract	87	Feb.
Gild of Ancient Supplers:		
Holds reunion	282	June
Hold annual Wassail	486	Nov.
Marks 10th anniversary	342	July/Aug.
Ginna, Robert E., on National Advertising Committee	131	Mar.
Glenwood Range Company promotion	452	Oct.
Greenwich, Conn., greets New Era	433	Oct.
Gum filters, U. G. I., gas flows through—Smoker	295	June

H

Heater, direct-fired	183	Apr.
Heating:		
Lewis, John L., likes gas heat—Segeler	28	Jan.
Midget-size heater announced	30	Jan.
Pittsburgh natural gas regulations	196	Apr.
Portland, Ore., restricts	153	Mar.
Holland, purification research in	330	July/Aug.
Hollywood cooks with gas	180	Apr.
Hollywood recipe, try this	125	Mar.
Home buyers, guiding prospective	221	May
Home service:		
Aids army palates	179	Apr.
Award, new A. G. A.	236	May
Birthday in Savannah	283	June
Community cooking schools—Holloway	334	July/Aug.
Demonstration kit is dealer promotion aid—Huck	126	Mar.
Demonstrations in automatic ironing	87	Feb.
Dramatizing	387	Sept.
Looks ahead	504	Nov.
Luncheon club for business girls	41	Jan.
Pacific Coast workshop	237	May
Teaches mess sergeants art of embellishing chow	88	Feb.
Use feminine slant, Mr. Salesman	164	Apr.
Water heater promotion—Schmidt	17	Jan.
Workshop maps program	40	Jan.
	140	Mar.
Hope Natural Gas Company, Clarksburg, W. Va., to expand facilities	85	Feb.
House heating:		
Load, problems of—Peck	265	June
Purchase plan advanced for	197	Apr.
Housing, project to use gas	234	May
Houston Natural Gas Corporation sponsors school appliance replacement plan	390	Sept.

I

Igniter, electronic, makes gas heat system automatic	182	Apr.
Incinerators, city-financed, Detroit official suggests	294	June
Indications of an orifice meter—Bean	337	July/Aug.
Industrial and commercial gas:		
Active program set for 1947	94	Feb.
American Gas Association School	144	Mar.
Boston sales conference	46	Jan.
Conference plans complete	96	Feb.
Convention program	506	Nov.
Cooking program—Bourke	238	May
Filling customer needs—Potter	453	Oct.
Meeting commercial competition—Hanthorn	355	July/Aug.
Midwest Industrial Gas Council meets in Chicago	143	Mar.
National Metal Congress and Exposition, gas at	43	Jan.
National Power Show, A. G. A. at	44	Jan.
Sales conference	191	Apr.
Sales conference at Boston	143	Mar.
Sales tools—Olinger	407	Sept.
Schools impressive	292	June
Section plans convention program	409	Sept.
Industrial peace, is it nearer?—Keener	477	Nov.
"Inflammable air"	448	Oct.
Institute of Gas Technology:		
Extends coverage of "Gas Abstracts"	179	Apr.
Fellows summer activities	398	Sept.
Graduate joins gas industry	150	Mar.
Internal defects, locating—Carlin	391	Sept.
International Fuel Economy Conference	345	July/Aug.
International Heating and Ventilating Exposition, gas scores at	116	Mar.
Ironing, automatic, demonstrations in	87	Feb.

J

Jones, Charles C., describes 30-inch pipe line installation	31	Jan.

K

Kansas City-Wyandott Gas Companies merge	84	Feb.
Kitchens:		
Gas home builders' exhibit to feature	87	Feb.
"Kitchen on Wheels" stars in Hollywood	406	Sept.
New Freedom Calendar available	496	Nov.
New Freedom Gas Kitchen Certification program will spell new freedom to housewives	291	June
Tampa sales floor, new	354	July/Aug.

L

Laboratories:		
A. G. A. requirements investigations	197	Apr.
Bridge, Arthur F., named managing committee chairman	50	Jan.
Convention delegates visit	149	Mar.
Conversion burner standards strengthened	149	Mar.
Conversion burner testing	459	Oct.
Correction of baking complaints—Huck	219	May
Filtering research report	413	Sept.
Foreign representatives visit	100	Feb.
Former employees rejoin staff	367	July/Aug.
Gas glow tubes studied	413	Sept.
Gas purity testing device patented	413	Sept.
Graduate study for staff	248	May

	Page	Issue
Guide to burner design	10	Jan.
Hall, Edwin L., named director	517	Nov.
Interesting visitors	304	June
Koch, Charles E., appointed assistant supervisor	149	Mar.
New building completed at	149	Mar.
Operations hit peak	430	Oct.
Outstanding example of gas industry unity	514	Nov.
Range committee honors—Winterstein	51	Jan.
Requirements committees review appliance standards	50	Jan.
Research for home comfort	443	Oct.
Technical studies completed, three	248	May
Test kitchens aid ventilation study	197	Apr.
Whitwell, George E., honored	100	Feb.
Laclede Gas Light Company expands	183	Apr.
Lewis, John L., likes gas heat—Segeler	28	Jan.
Liability, "attractive nuisance"—Springer	127	Mar.
Light and shadows	450	Oct.
Liquefied petroleum gas:		
Industry in 1946—Oberfell and Thomas	81	Feb.
Sales booklet wins dealers' praise	131	Mar.
Loads, gas, meeting—Novy	47	Jan.
Lone Star Gas Company:		
Initiates five-year expansion	398	Sept.
Plans large expenditures	283	June
Louisiana Power and Light Company has new employee card	400	Sept.
Lunchroom equipment, school	117	Mar.

M

Magazine publicity, national increases	227	May
Magnetic recording demonstration	135	Mar.
Markets, meeting domestic challenge—Chamberlain	91	Feb.
Meals eaten at home, more in 1946	100	Feb.
Meeting gas loads—Novy	47	Jan.
Meter shop practices, European—Dixon	410	Sept.
Meters:		
Gas flow, Con Edison devises	513	Nov.
Pint-sized, new	193	Apr.
Plastic	26	Jan.
Readers aided	287	June
Orifice, indications of—Bean	337	July, Aug.
Mexico, more gas to	100	Feb.
Michigan Consolidated Gas Company:		
Expanding facilities	137	Mar.
Plans pipeline project	31	Jan.
Midwest Personnel Conference milestones—Sedgwick	279	June
Midwest Research Institute, Strickler, T. J., elected by	106	Feb.
Mixed gas research—Huck	271	June
Moisture, excessive, problem attacked	226	May
Motion pictures:		
"Flame of Freedom"	131	Mar.
	227	May
Gas sound-color, news	280	June
Motor vehicle outlook—Jahn	25	Jan.
Motor vehicles, program	49	Jan.
Multiplying punch, use of—Beswick and Littlewort	401	Sept.
Myers, Vernon, heads Midwest Personnel group	447	Oct.

N

National Exposition of Power and Mechanical Engineering, A. G. A. at	44	Jan.
National Metal Congress and Exposition, gas at	43	Jan.
National Metal Congress, gas breakfast successful	45	Jan.
National Restaurant Exposition	137	Mar.
National Restaurant Exposition, gas prominent at	212	May
Natural gas:		
Advertising objectives for 1947 reviewed	120	Mar.
All's "natural" in Toledo—Smiley	114	Mar.
Conference, 42nd annual	259	June
Eastern Regional Sales Conference	138	Mar.
Enrolls at Michigan State	284	June
Expansion turbines, use increasing	226	May
Formaldehyde from	93	Feb.
Horizons	487	Nov.
Income rise, F. P. C. shows	283	June
North Shore goes "natural"	327	July, Aug.
Pennsylvania firms entertain teachers	304	June
Pittsburgh heating regulations	196	Apr.
Production and marketing	394	Sept.
Proved reserves rise	174	Apr.
Record line to Detroit area	182	Apr.
Spring meeting	29	Jan.
Storage in buried pipe—Claxton, Markle and Meiller	171	Apr.
Texas moves to avert waste	183	Apr.
Texas town awaiting new citizen—Cunningham	322	July, Aug.
Transportation facilities, large	31	Jan.
New Freedom Gas Kitchen, Certification Program	188	Apr.
Noise of extinction, minimizing—Weber	217	May
North Shore goes "natural"	327	July, Aug.
Northern Natural Gas Co. of Omaha, expansion	199	Apr.
Notes from F. P. C.	345	July, Aug.
	396	Sept.
	450	Oct.
	496	Nov.

O

Obituaries;		
Bacharach, Harry	310	June
Barnum, Dana D	202	Apr.
Behrman, Henry	521	Nov.
Benedict, C. M.	310	June
Blackburn, Frank L	310	June
Bradlee, Henry G.	462	Oct.
Carey, Bernard P.	419	Sept.
Clark, Robert H	202	Apr.
Cohn, Charles M	55	Jan.
Coit, Norman H	462	Oct.
Crocker, Theodore D	375	July, Aug.
Emery, John H	419	Sept.
Higgins, Arthur A	56	Jan.
Hones, Charles A	104	Feb.
Johansen, Charles F	310	June
Lawson, Floyd K	521	Nov.
Maddux, O. Lloyd	56	Jan.
Merkle, J. George	375	July, Aug.
Myers, Howard	462	Oct.
Nash, Luther R.	418	Sept.
Phillips, Alfred I	521	Nov.
Ranney, George A	418	Sept.
Rice, A. F.	56	Jan.
Richie, James A	419	Sept.
Roger, Albert C.	153	Mar.
Schoellkopf, Paul A.	521	Nov
Sheehan, George G	153	Mar.
Smith, Olin K	375	July, Aug.
Soper, Richard G	153	Mar.
Wallace, Harry A., Sr	521	Nov.
Warnick, John H	251	May
White, Edwin L	153	Mar.
Offices, secret weapon for	113	Mar.
Oil gas process, new—Chambers	323	July, Aug.
Oils:		
Gas enrichment—McIntosh and Delgass	21	Jan.
Gas-making qualities—Kugel	297	June

	Page	Issue
Organ notes	178	Apr.
Organic sulfur removal process—Darlington	147	Mar.
Orifice meter, indications of—Bean	337	July Aug.
Oven controls, testing—Hense	483	Nov.
Ovens, gas, Dodge bodies baked by—Le Grand	213	May

P

"P. A. R. Plan," gas industry endorses new 3-year	316	July Aug.
Personals:		
Abbott, Seward	151	Mar.
Adams, Robert C	200	Apr.
Adams, W. H	52	Jan.
Agee, R. S.	201	Apr.
Bains, George B	53	Jan.
Ball, Max W.	104	Feb.
Barndt, Charles	101	Feb.
Borth, Frieda H	151	Mar.
Beck, Sterling L	416	Sept.
Beebee, Alexander M	54	Jan.
Behling, Burton N	305	June
Bescher, F. E.	415	Sept.
Bowman, Linn	249	May
Boyer, Edward G	249	May
Boyer, Ralph L.	518	Nov.
Bridge, Arthur F	516	Nov.
Brockschmidt, C. L.	518	Nov.
Brody, Edward M	150	Mar.
Brown, Calvin	249	May
Brown, David W	104	Feb.
Brummage, Richard L.	368	July Aug.
Bryans, H. B.	371	July Aug.
Campbell, C. L.	250	May
Campbell, George S	150	Mar.
Campbell, Harry J.	250	May
Carpenter, I. M.	371	July Aug.
Carroll, H. P.	370	July Aug.
Cassidy, Clayton G	53	Jan.
Chamberlain, William M	102	Feb.
Chapman, Harlen M.	416	Sept.
Clark, Earle H	106	Feb.
Clift, Harold W	150	Mar.
Clutter, Earl D	104	Feb.
Conley, A. W.	103	Feb.
Conn, Charles R	54	Jan.
Conner, R. M.	517	Nov.
Cook, Henry R., Jr	53	Jan.
Cook, James	54	Jan.
Corr, Tom	101	Feb.
Crary, E. M.	417	Sept.
Crawford, James N	55	Jan.
Crenshaw, Kirby E.	369	July Aug.
Crofts, Edgar R	249	May
Crone, Frederick W	86	Feb
Crosthwait, Gertrude M	371	July Aug.
Crowell, A. H.	53	Jan.
Cushman, Jac A	251	May
Dashiell, Philip Thornton	305	June
Davis, William E	372	July Aug.
Dawson, G. S.	196	Apr.
Davis, Wendell C	102	Feb.
Dobson, Edward F	415	Sept.
Dodge, H. W	150	Mar.
Doran, James F	250	May
Doughty, Margaret	201	Apr.
Dow, Paul H	104	Feb.
Drew, J. E.	460	Oct.
Drinker, Gertrude R.	518	Nov.
East, Leo H	249	May
Eckenhoff, W. B.	461	Oct.
Emery, John H	201	Apr.
Euler, W. G. B.	369	July Aug.
Eversman, Carl A	183	Apr.
Fahlen, F. T., Jr	151	Mar.
Ferris, Herbert H	201	Apr.
Fisher, Frederick W	370	July Aug.
Fisher, R. E.	369	July Aug.
Floyd, James M	200	Apr.
Frazier, John W	372	July Aug.
French, Newell E	101	Feb.
Friedman, Arthur	53	Jan.
Funk, N. E.	371	July Aug.
Gabel, Harry J	103	Feb.
Ganser, H. H.	371	July Aug.
Gardner, Austin T	102	Feb.
Gaw, J. Wilson	102	Feb.
Gehres, H. A.	518	Nov.
Gellert, N. Henry	414	Sept.
Ginn, Lloyd C	251	May
Grant, Will C	200	Apr.
Grinstead, W. N.	306	June
Grube, W. K	151	Mar.
Gumz, J. H.	53	Jan.
Hagerman, Oliver S	371	July Aug.
Hall, Allan G	518	Nov.
Hall, Clifford E	54	Jan.
Hall, Edwin L.	517	Nov.
Hamilton, William G., Jr	151	Mar.
Hanlan, James P	414	Sept.
Hargrove, R. H.	368	July Aug.
Hathaway, Alanson R	519	Nov.
Hayes, W. L.	234	May
Hearne, R. Dean	250	May
	372	July Aug.
Henderson, E. L.	370	July Aug.
Hewitt, C. L., Jr	250	May
Hickey, Irene	151	Mar.
Higgins, A. E.	414	Sept.
Hill, William Y	103	Feb.
Hillborn, William M	201	Apr.
Hlavin, Robert T	55	Jan.
Hoenigmann, Frank J	305	June
Howard, Alfred D	372	July Aug.
Hubbs, Ardis	250	May
Hughes, F. H.	416	Sept.
Hughes, Willis E	201	Apr.
Huley, D. A.	55	Jan.
Hull, Waldo S.	416	Sept.
James, Richard L	53	Jan.
Jennings, Norval D	102	Feb.
Jernstrom, Regina M	373	July Aug.
Johnson, B. A.	461	Oct.
Johnson, Lynn H	150	Mar.
Johnson, Roy C	373	July Aug.
Jones, Gussie O	372	July Aug.
Jones, John Paul	306	June

	Page	Issue
Jones, Robert H	518	Nov.
Jones, Roy E	55	Jan.
Jones, W. L.	460	Oct.
Joy, Paul C	414	Sept.
Kahrl, F. William	517	Nov.
Kelley, Joseph T	518	Nov.
Kern, John Edmond	106	Feb.
Klauber, L. M.	103	Feb.
Krause, L. J	201	Apr.
Kruger, Richard E	249	May
Kurdelski, Walter H	102	Feb.
Lauderbaugh, A. B.	104	Feb.
Lehman, H. D.	305	June
Leinroth, J. P.	370	July / Aug.
Lerch, F. H., Jr	101	Feb.
Levine, Samuel J	251	May
Lewis, David A	373	July / Aug.
Lippoff, Lorraine	55	Jan.
Little, Stanley E	55	Jan.
Liversidge, Horace P	371	July / Aug.
Ludlow, Kress V	200	Apr.
Lydecker, Frederick A	372	July / Aug.
Lyon, Carl E	104	Feb.
Maebe, William R	373	July / Aug.
MacCollum, Donald R.	249	May
Mackie, J. W.	102	Feb.
Marshall, Jane	200	Apr.
Martin, Charles C	249	May
Martin, Edward R	106	Feb.
May, Chester L	369	July / Aug.
McDevitt, Vincent P	414	Sept.
McHugh, Thomas A	460	Oct.
McMullin, Frank B	519	Nov.
Metz, John J	416	Sept.
Meyers, George J., Jr	415	Sept.
Miller, C. A.	151	Mar
Miller, Paul G	202	Apr.
Milliken, Arnold W	373	July / Aug.
Mitchell, Dean H	306	June
Moore, A. Roy	306	June
Morehouse, H. P	370	July / Aug.
Morley, L. M.	150	Mar.
Morse, Charles J	305	June
Moulton, James S	369	July / Aug.
Mulcahy, B. P	102	Feb.
Murphy, Morgan F	516	Nov.
Nagel, H. P.	461	Oct.
Newbold, Ray A	104	Feb.
Newcomb, Harry	54	Jan.
Oates, James F., Jr	516	Nov.
Olds, Leland	55	Jan.
Orchard, E. B	461	Oct.
Otto, Robert W	368	July / Aug.
Overbeck, E. C.	306	June
Parker, Harry S	104	Feb.
Paxton, Sloan	101	Feb.
Payne, Christy, Jr	517	Nov.
Pelican, Thomas L	150	Mar.
Perkins, Russell M	103	Feb.
Pfluke, Fred	249	May
Plank, H. H.	102	Feb.
Port, Frederick	460	Oct.
Porter, G. Rogers	250	May
Postles, John V	305	June
Potter, L. T.	151	Mar.
Qualley, Ray W	460	Oct.
Quinn, John J	249	May
Reeder, R. H.	37	July / Aug.
Reeves, John R	460	Oct.
Reimer, Rudolph E	306	June
Reynolds, David S	370	July / Aug.
Ritzenthaler, A. B.	373	July / Aug.
Roberts, L. C.	370	July / Aug.
Robertshaw, John A	518	Nov.
Rockwell, W. F., Jr	201	Apr.
Rodey, Bernard S., Jr	373	July / Aug.
Root, Albert K	101	Feb.
Rosebrough, Robert N	372	July / Aug.
Rubenstein, S. W.	518	Nov.
Rubin, Melvin S	416	Sept.
Russell, Herman	54	Jan.
Saas, George A	373	July / Aug.
Sanders, Horace	151	Mar.
Schedler, Harry J	54	Jan.
Scherer, B. Morgan	415	Sept.
Schmidt, William, Jr	55	Jan.
Schryer, Frank H	461	Oct.
Scranton, Mary Alice	416	Sept.
Senyard, W. H.	101	Feb.
Shanley, Thomas J	371	July / Aug.
Sharp, D. S.	369	July / Aug.
Smalley, D. D.	369	July / Aug.
Smith, Harry W., Jr	416	Sept.
Spencer, Donald P.	461	Oct.
Spencer-Strong, George H	200	Apr.
Spindle, James E	103	Feb.
Stafford, Richard W	103	Feb.
Steele, I. C.	369	July / Aug.
Stephens, Carl M	102	Feb.
Stillman, Roger G	373	July / Aug.
Strange, J. V.	516	Nov.
Strickler, T. J.	106	Feb.
Stroud, Herbert L	54	Jan.
Sutherland, Norman R	369	July / Aug.
Sutton, Harry A	370	July / Aug.
	520	Nov.
Taylor, Robert H	305	June
Teller, William R	55	Jan.
Tharp, E. M.	306	June
Thompson, Jean	250	May
Titus, Edward K.	416	Sept.
Tracy, Grover S	417	Sept.
Tritton, Bruce R	198	Apr.
Tull, Helen	55	Jan.
Vernon, Helen F	460	Oct.
Verschoor, Leonard H	102	Feb.
Von Maur, Jacob D.	102	Feb.
Warden, Clarence A., Jr	372	July / Aug.
Warner, Harry	368	July / Aug.
Waterman, C. F	368	July / Aug.

	Page	Issue
Weeks, Howard F	86	Feb.
Weimer, William F	460	Oct.
Weldon, Walter J	54	Jan.
Williams, George T	416	Sept.
Willien, Leon J	103	Feb.
Willis, Robert H	518	Nov.
Wilson, Charles F	373	July Aug.
Wilson, Gerald E	104	Feb.
Wilson, Sam J	460	Oct.
Wishon, A. E.	369	July Aug.
Wittmann, B. H.	234	May
Wolf, F. N	306	June
Yard, Willis S	414	Sept.
Yost, Charles L	517	Nov.
Pilot regulator, preventing freezing	31	Jan.
Pipe, protecting in open systems—Appleman	194	Apr.
Pipe contract, El Paso	87	Feb.
Pipe lines:		
Big Inch, Texas Eastern takes over	303	June
Building "Biggest Inch" gas line	132	Mar.
Columbia Gas Corp. expansion	147	Mar.
Gas fields and, map	30	Jan.
"Inch" lines provide gas for Pittsburgh	85	Feb.
"Inch" pipe lines sold to gas firm	131	Mar.
"Inches" go to gas	30	Jan.
Kansas-Denver, completed	495	Nov.
Michigan Consolidated plans project	31	Jan.
National Gas Pipeline Co. of America	137	Mar.
Northern California, projected	495	Nov.
Record natural gas line to Detroit area	182	Apr.
"Rubber neck line" aids Biggest Inch project	446	Oct.
Steel "pig" speeds cleansing	173	Apr.
Tennessee	148	Mar.
Texas-Detroit line approved	137	Mar.
Texas-Pennsylvania line planned	149	Mar.
Thirty-inch, installation described by C. C. Jones	31	Jan.
Plastic gas meter	26	Jan.
Plumber, the overlooked	167	Apr.
Portland (Ore.) prospect plan	354	July Aug.
Pressure control, remote, in Dallas—Bickel	430	Oct.
Price fixing, well-head—Clark	331	July Aug.
Promotion:		
Demonstration kit is dealer aid—Huck	126	Mar.
"Miracle Flame" color movie	30	Jan.
Water heater—Schmidt	17	Jan.
Propane-air gas plant in operation	149	Mar.
Propane equipment pinch hits for disabled plant	342	July Aug.
Protecting pipe in open systems—Appleman	194	Apr.
Publications, *see also* Book reviews		
Publications:		
"America Cooks"	142	Mar.
Burner design bulletin reprinted, A. G. A.	413	Sept.
Cast iron pipe manual	366	July Aug.
Commercial cooking maintenance manual, A. G. A.	46	Jan.
"Cooking for Profit" has new format	137	Mar.
"Dealer's Choice" makes bow in Brooklyn	130	Mar.
Directory of corrosion workers revised	49	Jan.
"Food is Fun," A. G. A.	495	Nov.
"Gas Abstracts," I. G. T.	179	Apr.
Gas carburizing booklet	366	July Aug.
"History of gas, the," A. G. A.	169	Apr.
Illinois bulletin discusses foremen's unions	330	July Aug.
Index to chemical and related subjects	364	July Aug.
Laboratories guide to burner design	10	Jan.
LP gas sales booklet	131	Mar.
New utilities financial publication	86	Feb.
News Meter cited	282	June
Proceedings 1946, A. G. A.	495	Nov.
"Product, Plan and Profit," Bowser, Inc	153	Mar.
"Protecting Consumers—Seal of Tested Gas Appliances"	51	Jan.
Research Bulletin No. 43	459	Oct.
Research Bulletin No. 44	483	Nov.
Servel introduces recipe book	496	Nov.
Summer-winter hookup survey	367	July Aug.
Window and Store Display Bulletin, A. G. A.	406	Sept.
"Wonder Flame," Washington Gas Light Co.	86	Feb.
Purification research in Holland	330	July Aug.

R

Radio:		
Columbia to build short wave net work	446	Oct.
Gas service crews dispatched by	184	Apr.
Indiana utility sponsors "Information Please"	496	Nov.
Utilities group expanding	411	Sept.
Utilization for utilities planned	148	Mar.
Radio-phone, "truck-to-office," Payne Furnace Co.	282	June
Rail lines, keeping open	445	Oct.
Ranges:		
Advertising campaign	268	June
Automatic, new requirements for	170	Apr.
Awarded	87	Feb.
Background of "automatic" sales—Lea	405	Sept.
CP: Building better—Berno	121	Mar.
Harvard gets new	86	Feb.
Magic Chef displays new	406	Sept.
Replacement plans for schools	142	Mar.
Situation today—Berno	63	Feb.
Tappan shows 1948 models	406	Sept.
Ranges, gas:		
Automatic, huge need for predicted	330	July Aug.
Epic of	183	Apr.
School replacement plan for	353	July Aug.
Sports a shower	31	Jan.
Rates:		
Highlights of situation—De Mey	274	June
Temporary increases granted	395	Sept.
Reference manual—put it to work—Morehouse	328	July Aug.
Refrigerators, gas:		
Contest winners	84	Feb.
Servicing—Marshall	68	Feb.
Refrigerator, 1947 gas, features—Taylor	9	Jan.
Regulation of gas utilities—Smith	489	Nov.
Remote pressure control in Dallas—Bickel	431	Oct.
Research:		
Bimetallic thermal element study—Hense and Kampman	335	July Aug.
Clearer focus on—Hense	168	Apr.
For home comfort	443	Oct.
Mixed gas—Huck	271	June
Progress through	411	Sept.
Purification, in Holland	330	July Aug.
Residential gas:		
Automatic point of view—Sorby	38	Jan.
Deal in the dealer—Seiple	451	Oct.
Domestic program for 1947, intensive	41	Jan.
Eastern Gas Sales Conference	138	Mar.
Meeting domestic market challenge—Chamberlain	91	Feb.
Program highlights	502	Nov.
Restaurant sanitation, open the door to	359	July Aug.

	Page	Issue
Resuscitation, multiple, wins acceptance	512	Nov.
Rochester Gas and Electric Corporation promotions	249	May
Rockwell Manufacturing Company appointments	150	Mar.
Russia orders latest U. S. oil and gas equipment	343	July Aug.

S

Safety, you bet your life	326	July Aug.
Sales:		
"Automatic" ranges, background for—Lea	405	Sept.
Industrial gas sales tools—Olinger	407	Sept.
July shows gain	447	Oct.
Sales, gas, increase in December	130	Mar.
Water heater, promotion aid for	412	Sept.
Sales promotion:		
Full speed, sales ahead!—Gordon	233	May
How to be a good dictator—Marsh	166	Apr.
Use feminine slant, Mr. Salesman—Kirtland	164	Apr.
Sanitation, restaurant	359	July Aug.
School lunchroom equipment	117	Mar.
Science, age of	430	Oct.
Seattle Gas Company, "Old Timers Club."	29	Jan.
Secret weapon for offices	113	Mar.
Seiple, Bernard A., Deal in the dealer	451	Oct.
Sendout growth—threat and promise—Paige	315	July Aug.
Servel, Inc., Portfolio for 1947 released	311	June
Service, strengthening bonds of—Hargrove	207	May
Servicing gas refrigerators—Marshall	68	Feb.
Slag bar guard developed	32	Jan.
Smith Corporation, A. O., opens new water heater plant	87	Feb.
Sorby, E. Carl, What a convention!	70	Feb.
South Atlantic Gas Company installs propane-air plant	399	Sept.
Stedman, Gerald E., to speak at Industrial Breakfast	454	Oct.
Storage:		
In buried pipe—Claxton, Markle, and Meiller	171	Apr.
Underground gas, expanded in Illinois	282	June
Stoves, no more for sale	16	Jan.
Strengthening bonds of service—Hargrove	207	May
Sulfur resistant catalysts—Batchelder	222	May
Supervisor, how to be a, in 7 easy lessons	76	Feb.
Surveys and studies:		
Gas range sales 1947–49 estimated, A. G. A.	395	Sept.
Summer-winter hookup survey published	367	July Aug.
Switch heater, gas-fires	445	Oct.

T

Tars, water gas, dehydration	389	Sept.
Technical:		
Basic problems tackled	509	Nov.
Conference papers available	366	July Aug.
Distribution and Motor Vehicle Conference in April	148	Mar.
Distribution Conference sets record	242	May
European meter-shop practices—Dixon	410	Sept.
Gas flows through U. G. I. gum filters—Smoker	295	June
Gas-making qualities of oils—Kugel	297	June
Gas-mixer, high-pressure	148	Mar.
Gas service line installation—Henderson	455	Oct.
Meeting gas loads—Novy	47	Jan.
Organic sulfur removal process—Darlington	147	Mar.
Organized for progress—Goldsmith	97	Feb.
Production and Chemical Conference	360	July Aug.
Protecting pipe in open systems—Appleman	194	Apr.
Television:		
Enters utility field	71	Feb.
Gas air conditioner star	398	Sept.
Show result of gas industry co-operation at "Village of Vision"	399	Sept.
Testing:		
Central heating equipment	304	June
Oven controls—Hense	483	Nov.
Underground gasification U. S. tests—Hinton	12	Jan.
Texas City, emergency action in	209	May
Texas town (Caldwell) awaiting new citizen—Cunningham	322	July Aug.
Toledo, all's "natural" in—Smiley	104	Mar.
Trade associations, opportunity for	432	Oct.
Training:		
Air conditioning school held	42	Jan.
Appliance installation course offered	29	Jan.
Commercial school covers many phases	294	June
Cooking school, Pittsburgh dealers praise	226	May
Gas measurement short course	52	Jan.
Gas schools impressive	292	June
How to be a supervisor in 7 easy lessons	76	Feb.
Midwest Gas School program announced	418	Sept.
Pittsburgh cadet engineering program	496	Nov.
Southern Gas Association gas technology short course	374	July Aug.
Southwest Gas Measurement Course proves popular	307	June
Southwestern Gas Measurement Short Course	152	Mar.
	182	Apr.
Utilization schools	45	Jan.
Turbines, natural gas, use increasing	226	May

U

Underground gasification, U. S. tests—Hinton	12	Jan.
Underground gasification of coal	336	July Aug.
Underwriting gas appliance approvals—Whitwell	77	Feb.
Up and down the corridors with LER	501	Nov.
Utilities, gas, regulation of—Smith	489	Nov.
Utilization schools	45	Jan.

V

Ventilation study, test kitchens aid	197	Apr.

W

Washington (D. C.) Gas Light Company sports "new" lobby	394	Sept.
Water gas plant secrets	465	Oct.
Water gas tar, dehydration	389	Sept.
Water heating:		
Cold cash for "hotwater"—Cone	72	Feb.
Hot water helps	388	Sept.
Plumbers' association promotes business	84	Feb.
Promotion—Schmidt	17	Jan.
"You're going to be in hot water"—Schmidt	288	June
Well-head price fixing—Clark	313	July Aug.
West Coast Restaurant Show	27	Jan.
Western Metal Congress, gas stars at	241	May
White-collar incomes score largest gains	393	Sept.
Whitwell, George E., honored	100	Feb.
Winterstein, C. C., honored by Range Committee	51	Jan.
Workers have feelings—Harrison	75	Feb.
World Power Conference, gas appliance paper at	496	Nov.
Wrench, refrigerator	131	Mar.
Write the way you talk—Sullivan	285	June

Y

"You're going to be in hot water"—Schmidt	288	June
Young, W. Wirt, and Associates opens new sales office	87	Feb.

PRINTED IN U. S. A.